

Work Order ID 150389

Wednesday, August 24, 2016 11:49:51 AM

150389

Page 1

Item ID: 646.3718

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Custom Washer

Start Date: 8/8/2016 Start Qty: 12.00

12

Cust Item ID:

Required Date: 8/24/2016 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals: Process Plan: **DAS** Date: **AUG 29 2016**

Tooling:

Date:

Run Start ***NR1***QC: **9-89**

Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.3700	A								

110

0.00

110

Waterjet

Memo

0.04

FLOW CNC Waterjet

1-Cut as per Dwg

Dwg Rev: **A**Prog Rev: **A**

2-Deburr if necessary

16

on 16/09/16

120

QC2- Inspect parts off machine FAI/FAIB

0.00

120

QC

Memo

0.02

Quality Control

16

on 16/09/16

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 150389

Wednesday, August 24, 2016 11:49:51 AM

150389

Page 2

Item ID: 646.3718

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Custom Washer

Start Date: 8/8/2016 Start Qty: 12.00

12

Cust Item ID:

Required Date: 8/24/2016 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC8- Inspect parts - second check

0.00

130

QC

Memo

0.04

Quality Control

16

DAS
38
9-89
SEP 07 2016

140

Outsource process-Anodize per QSI017 4.1.10.1

0.00

140

Outsource4

Memo

359.99

Outsource process - Anodize

Issue P/O to ATG : 33573

1- Black Anodize as per Dwg 646.3700

2- PRIME AS PER DWG, SEE NOTE #2

Certification of Comformity is required

16

SEP 08 2016

DAS
13
9-89

150

Receive & Inspect for Damage & Mat'l Certs

0.00

150

Packaging

Memo

0.04

Packaging

16x Sp/16-9-28

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 150389

Wednesday, August 24, 2016 11:49:51 AM

150389

Page 3

Item ID: 646.3718 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Custom Washer
Start Date: 8/8/2016 Start Qty: 12.00 ***12*** Cust Item ID:
Required Date: 8/24/2016 Req'd Qty: 12.00 ***12*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC5- Inspect part completeness to step on W/O	0.00							
160									
QC	Memo	0.04							
Quality Control									
									DAS 38 9-89 SEP 29 2016
190	Identify as per dwg & Stock Location: <u>OCK105</u>	0.00							
190									
Packaging	Memo	0.02							
Packaging	***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***								
									Country 16 DAS 6 9-89 SEP 29 2016
200	QC21- Final Inspection - Work Order Release	0.00							
200									
QC	Memo	0.20							
Quality Control									
									DAS 21 9-89 SEP 29 2016 2m 16/09/2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Description Work Order Deviation				Disposition																																																													
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Wednesday, August 24, 2016 11:49:51 AM

Page 1

Work Order ID: 150389

150389

Parent Item: 646.3718

646.3718

Parent Item Name: Custom Washer

Start Date: 8/8/2016

Required Date: 8/24/2016

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP REV:A 12.10.22 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.063		Purchased	No			110	sf	583.5663	0.0034	0.042947			
M6061T6S 063									**		<u>pc 16/09/06</u>		
6061-T6 .063 Sheet													

Location

Loc Qty

Loc Code

MAT021

266.96

M133511

2.6

M134377

3.3

M134830

261.06

TPI

316.606316

M134496

172.606316

M134604

144

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03702				SHEET 1 OF 2	
	DWG NO. 646.3700	REV: A	PREPARED BY B. PETERS	DATE: 11/15/12	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: SHEETMETAL					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED ALTERNATE MATERIAL AND REVISED REFERENCE DIMENSIONS				EOR: D-12-010	

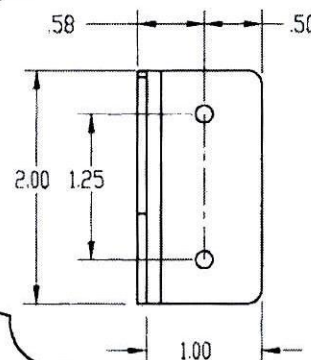
SHEET 1, ZONE A2 IS:

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 150389 M.C.S
160829

IS

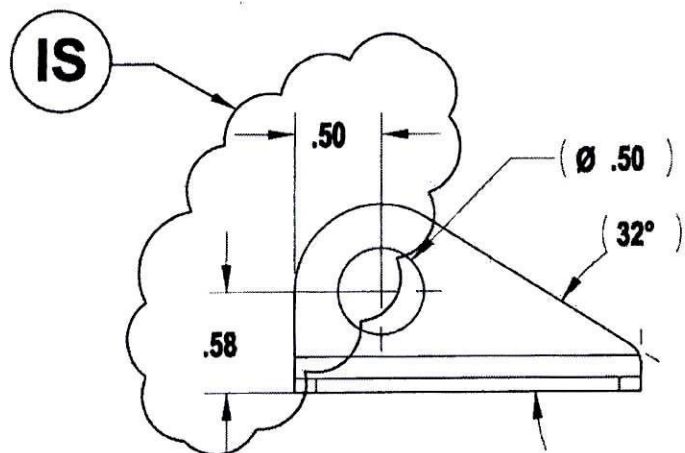
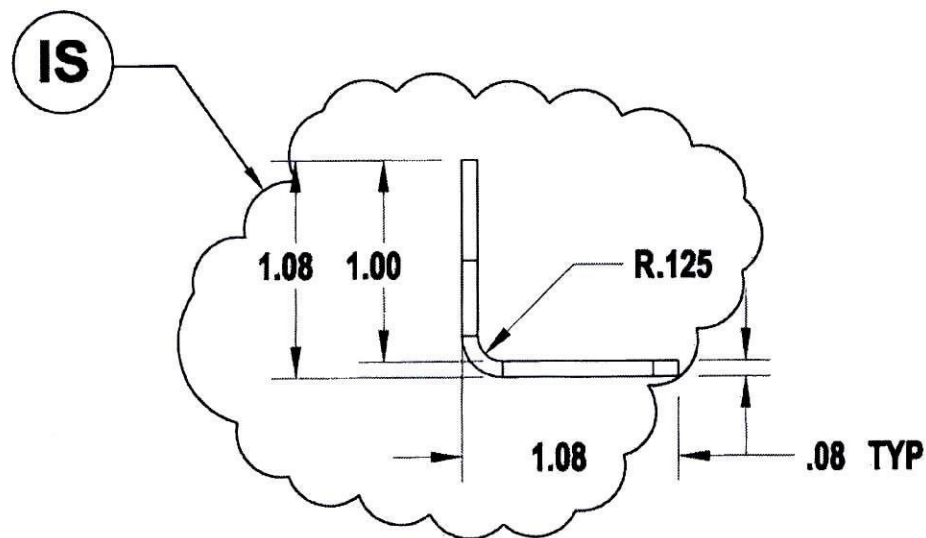
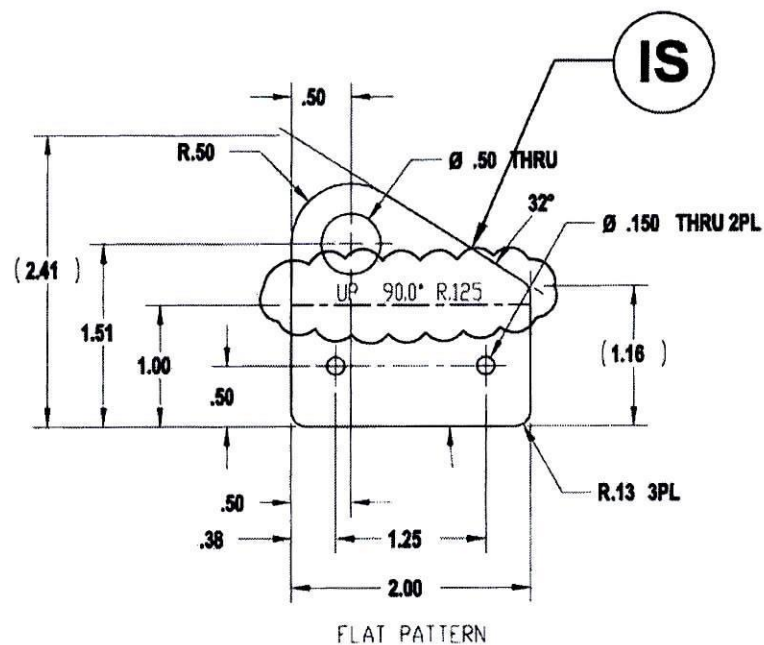
⚠ PRIMARY MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11
ALTERNATE MATERIAL: SS 17-4 PH PER AMS 5604

IS



SHEET 7, ZONE B1 IS:

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				☐ RFMS ☐ MDL ☐ INSTALL INSTRU ☐ ICA ☐ BOM	CHANGE CATEGORY ☐ MAJOR ☒ MINOR	DER REVIEW REQUIRED ☐ YES ☒ NO

**SHEET 7, ZONE C4 IS:****SHEET 7, ZONE D1 IS:****SHEET 7, ZONE B7 IS:**

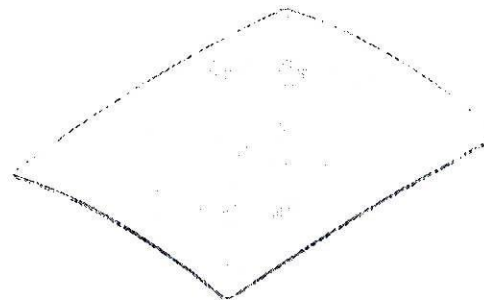
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL/SPECIFICATION
-----	----	-------------	-----	-------------	------------------------

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ARICAL INDUSTRIES AND REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF ARICAL INDUSTRIES IS PROHIBITED

NOTES:

- ① MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/11
- ② FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2. COLOR BLACK: CARDINAL 4860-50 PRETREATMENT PRIMER PRIME IAW MIL-P-23377J TYPE I CLASS N
- ③ MATERIAL: 17-4 PH AMS 5604. CONDITION H900
- ④ FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N
5. DEBURR AND BREAK ALL SHARP EDGES
6. IDENTIFY IAW MPP-120

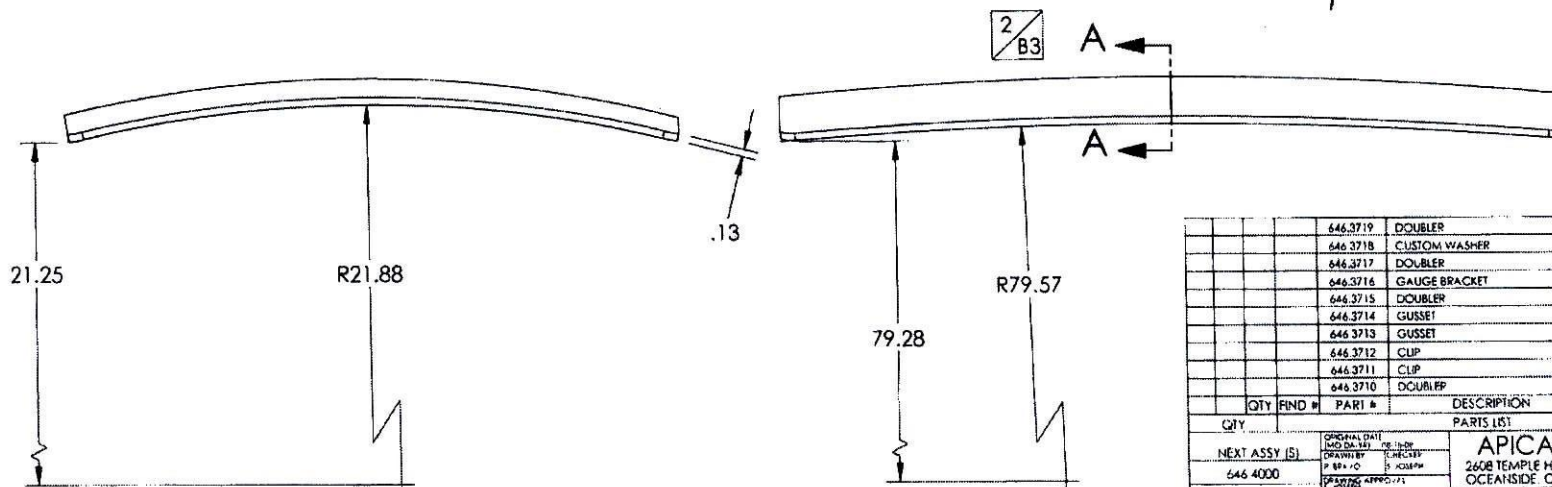
RECEIPTS			
REV	DESCRIPTION	DATE	AMOUNT
A	RECORDED & INDEXED	01/20/00	10.00



646.3710

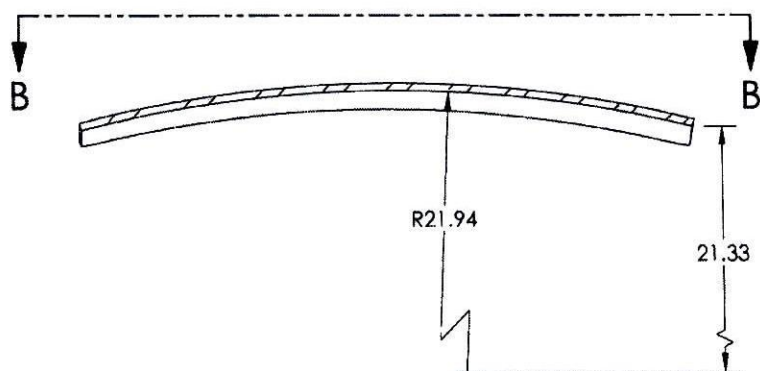
UNINCORPORATED ECN(s)

03702

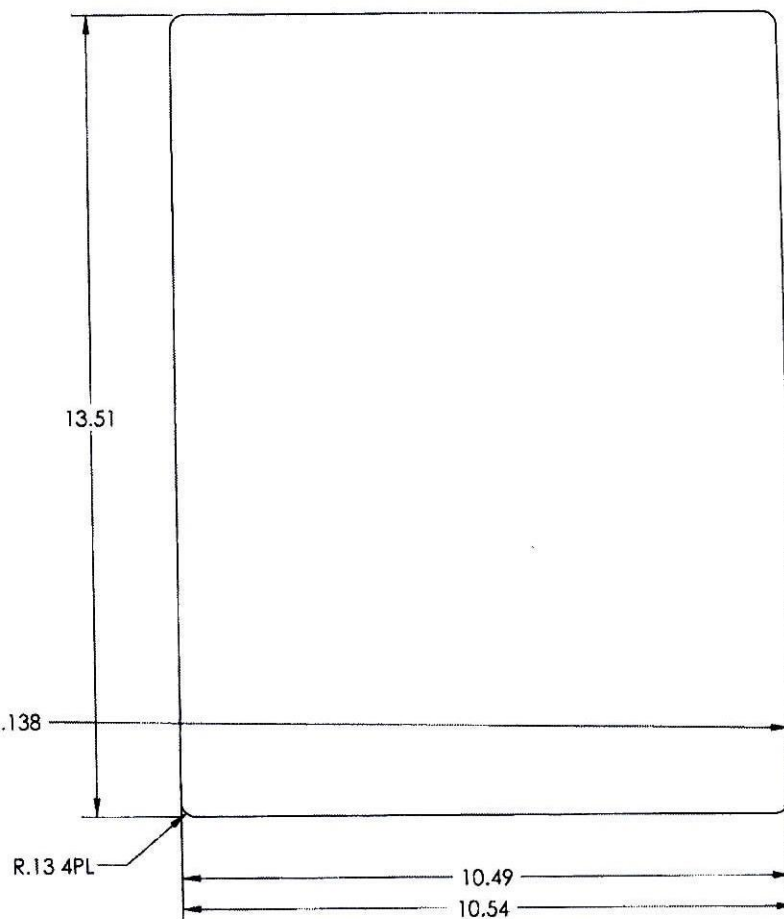


			646 3719	DOUBLER		▲	▲
			646 3718	CUSTOM WASHER		▲	▲
			646 3717	DOUBLER		▲	▲
			646 3716	GAUGE BRACKET		▲	▲
			646 3715	DOUBLER		▲	▲
			646 3714	GUSSET		▲	▲
			646 3713	GUSSET		▲	▲
			646 3712	CLIP		▲	▲
			646 3711	CLIP		▲	▲
			646 3710	DOUBLER		▲	▲
	QTY	FIND #	PART #	DESCRIPTION		MAT'L	SPEC.
CITY				PARTS LIST			
NEXT ASSY (S)				APICAL INDUSTRIES			
646 4000				2608 TEMPLE HEIGHTS DR. OCEANSIDE CA 92056-3512 (760)724-5300			
ORIGINAL DATE _____ DRAWN BY _____ BY BR * O _____ DESIGNED BY _____ APPROVED BY _____ CHECKED BY _____ COMPLETED BY _____				SHEETMETAL SET # 442 CODE 0000 B 07MT6 646.3700 SCALE NONE SHEET 1 OF 9			
(PLEASE PRINT OR TYPE SPECIFIC DIMENSIONS AND WEIGHTS) * DIMENSIONS ARE IN INCHES * WEIGHTS ARE IN LBS * DIMENSIONS ARE IN INCHES * WEIGHTS ARE IN LBS				SET # 442 CODE 0000 B 07MT6 646.3700 SCALE NONE SHEET 1 OF 9			

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SECTION A-A

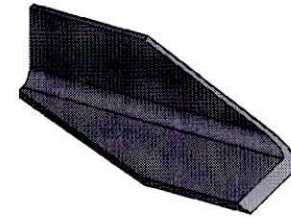
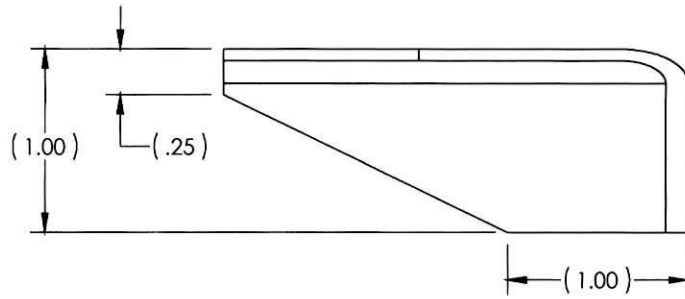


SECTION B-B

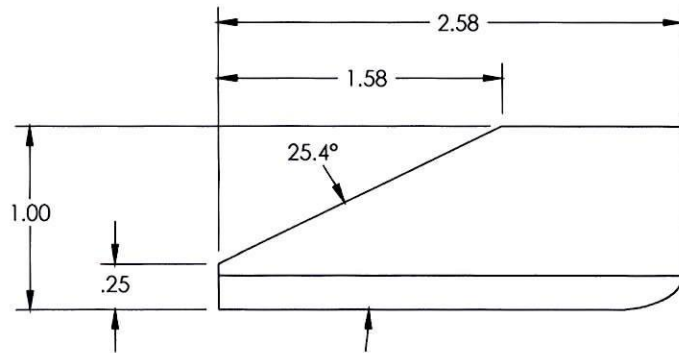
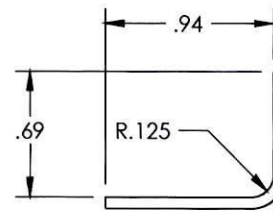
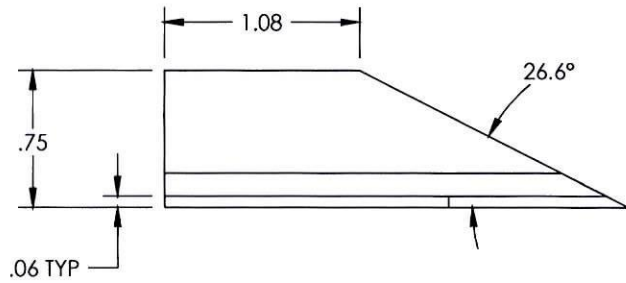
ORIGINAL DATE: 08-18-08 INCHES: 1/8"		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)774-5300	
DRAWN BY: J. CHERRY P. BRAYO S. CHERRY DRAWING APPROVAL: J. CHERRY 08-18-08		SHEETMETAL	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SITE: B CASE CODE: 07M26 SCALE: NONE	DWG. NO.: 646.3700 REV: A SHEET: 2 OF 9

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



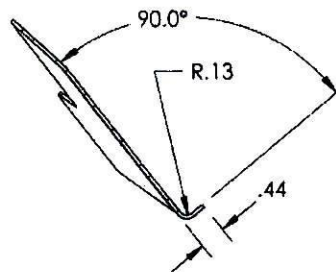
646.3711 SHOWN
646.3712 OPPOSITE



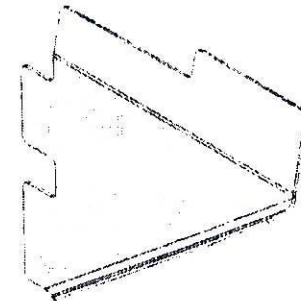
NEXT ASSY (S)	ORIGINAL DATE (J.A.MO.YR)	08-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
	DRAWN BY	J. JOSEPH		
	DESIGNED BY	P. BRAVO	SHEETMETAL	
	DATE	08-18-08		
DRAWING APPROVAL			SCALE: NONE	
CONTRACT NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			SHEET 3 OF 9	

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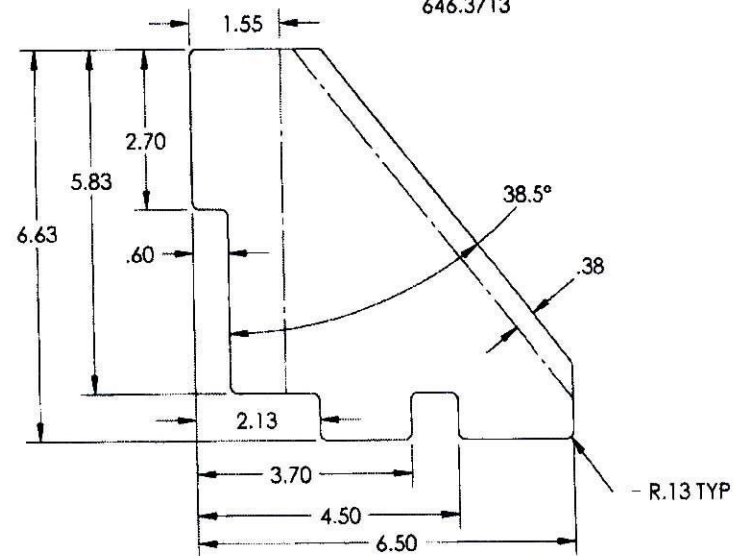
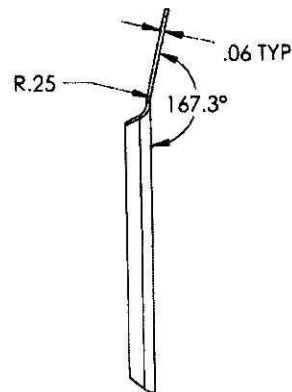
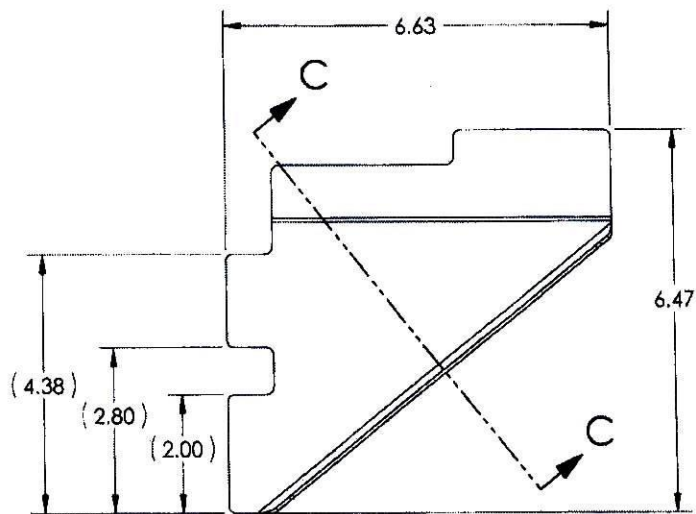
REV	DESCRIPTION	DATE	APPROVED



SECTION C-C



646.3713

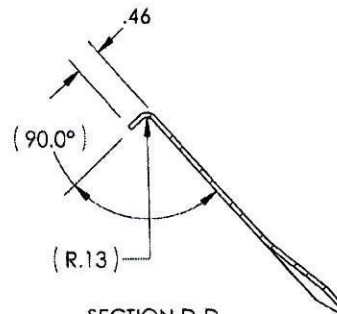
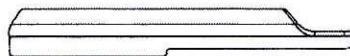


FLAT PATTERN

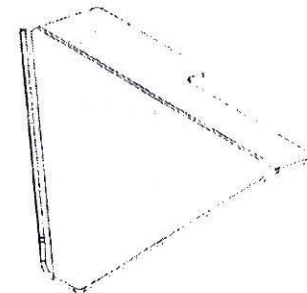
NEXT ASSY (S)	ORIGINAL DATE (BY MFG)	DATE	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 SHEETMETAL	
	DESIGNED BY	ENGINEER		
	DESIGNED BY	DESIGNED BY		
	DESIGNED BY	DESIGNED BY		
NEXT ASSY (S)	DESIGNED BY	DESIGNED BY	PREP (PAGE CODE) DWG NO. 646.3700 B 07M26 SCALE 1/2"=1" SHEET 4 OF 9	
	DESIGNED BY	DESIGNED BY		
	DESIGNED BY	DESIGNED BY		
	DESIGNED BY	DESIGNED BY		

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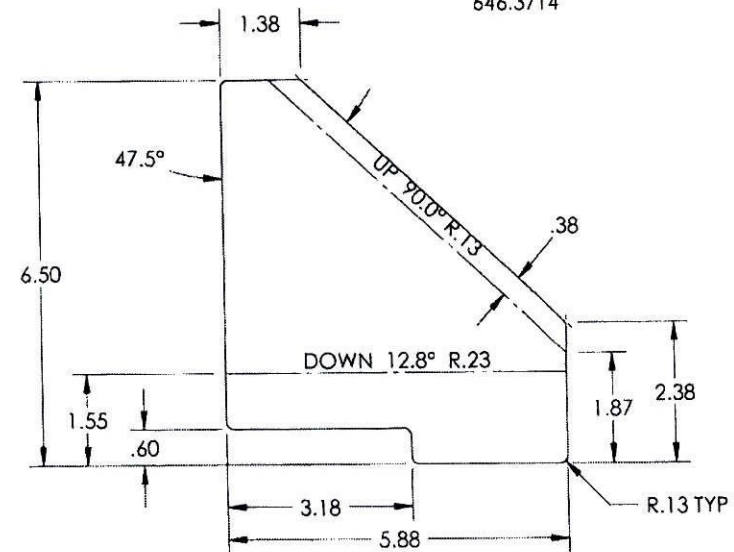
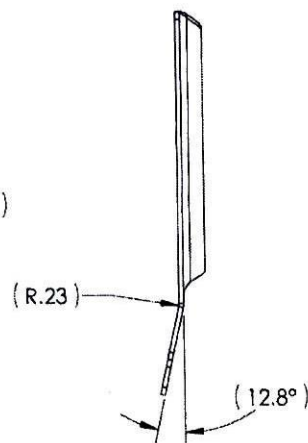
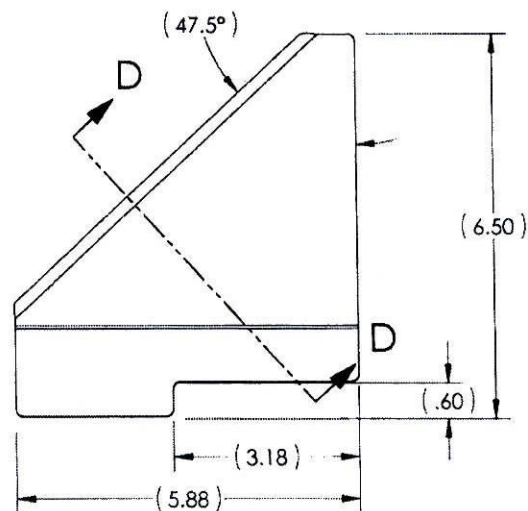
REV	DESCRIPTION	DATE	APPROVED



SECTION D-D



646.3714

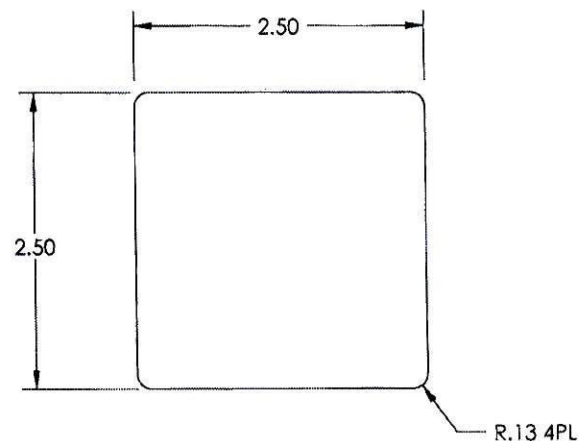


FLAT PATTERN

ORIGINAL DATE: 08-18-08 DRAWN BY: P. BAYVO CHECKED BY: J. JOHNSON DRAWING APPROVAL: J. JOHNSON CHECKED BY: J. JOHNSON	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR OCEANSIDE, CA 92056-3512 (760)724-5300
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ± .01 ANGLES ± .1°	SHEET: B CAD CODE: 07M26 DWG NO: 646.3700 SCALE: NONE SHEET: 3 OF 3

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REVISION			
REV	DESCRIPTION	DATE	APPROVED

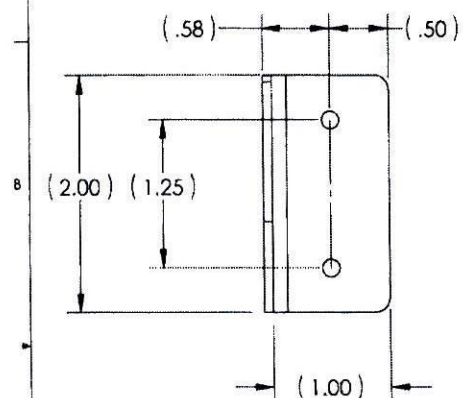


646.3715

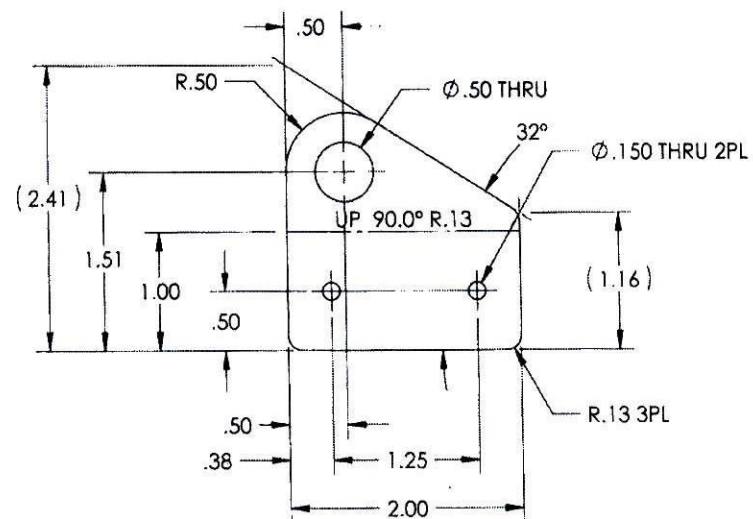
NEXT ASSY (S)	ORIGINAL DATE	08-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 SHEETMETAL	VIT. CODE: B DWT. NO: 07MT6 SCALE: NONE	DWT. NO: 646.3700 SHEET # OF 9
	DESIGNED BY	P. BLAYO			
	DESIGNED APPROVAL	J. JOSEPH			
	DATE	08-18-08			
	CONTRACT NO.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.001 ANGLES ±.5°	VIT. CODE: B DWT. NO: 07MT6 SCALE: NONE	DWT. NO: 646.3700 SHEET # OF 9

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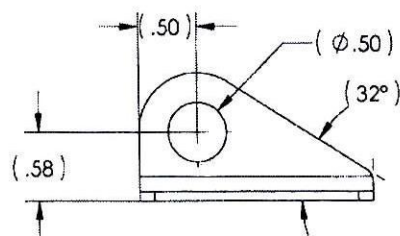
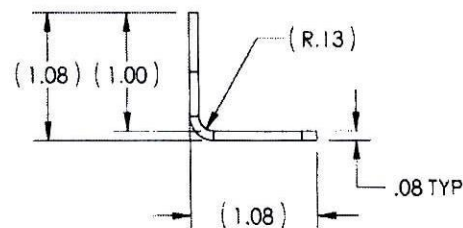
REVISION			
REV	DESCRIPTION	DATE	APPROVED



646.3716



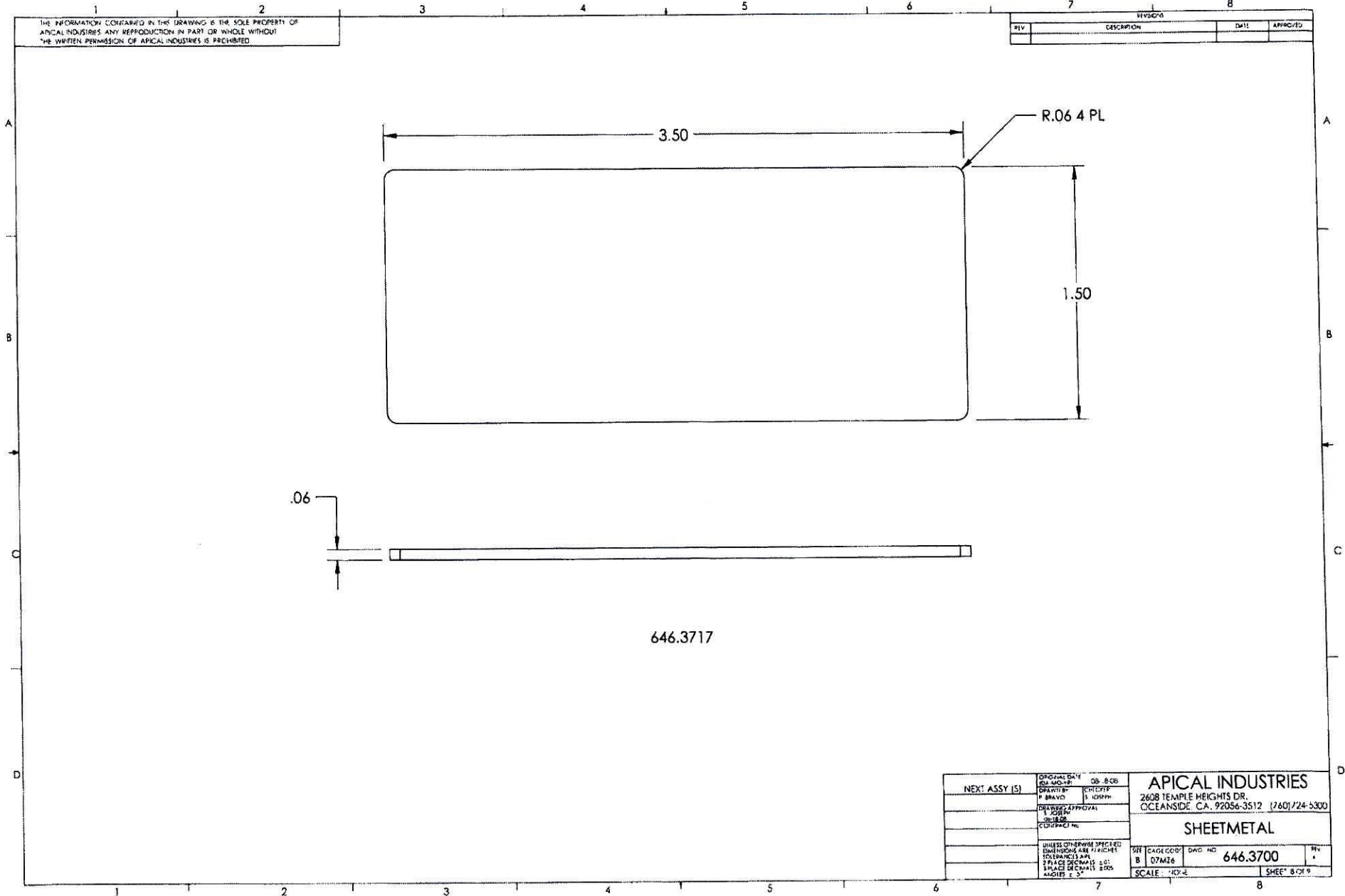
FLAT PATTERN



NEXT ASSY [S]	DESIGNED BY: J. JOHNSON	DATE: 08-18-03	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
	DRAWN BY: J. JOHNSON	DATE: 08-18-03		
	APPROVED BY: J. JOHNSON	DATE: 08-18-03	SHEETMETAL 281 CAGL CODE: 646.3700 B 07M16 SCALE: 1"=1"	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ARE 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8 DECIMALS ARE .001, .002, .003, .004, .005, .006, .007, .008, .009, .010, .015, .020, .030, .040, .050, .060, .070, .080, .090, .100, .125, .150, .175, .200, .250, .300, .375, .500, .625, .750, .875, 1.000, 1.250, 1.500, 1.750, 2.000, 2.500, 3.000, 3.500, 4.000, 4.500, 5.000, 5.500, 6.000, 6.500, 7.000, 7.500, 8.000, 8.500, 9.000, 9.500, 10.000			
			SHEET 1 OF 2	

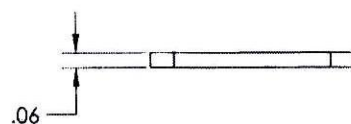
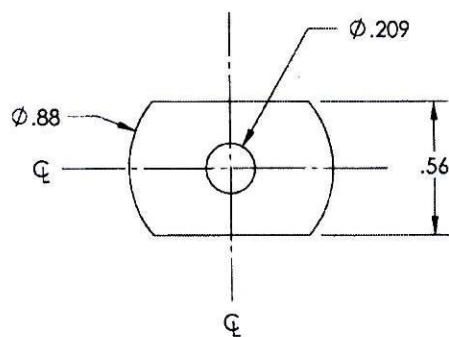
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REV	DESCRIPTION	DATE	APPROVED

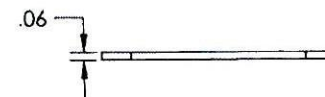
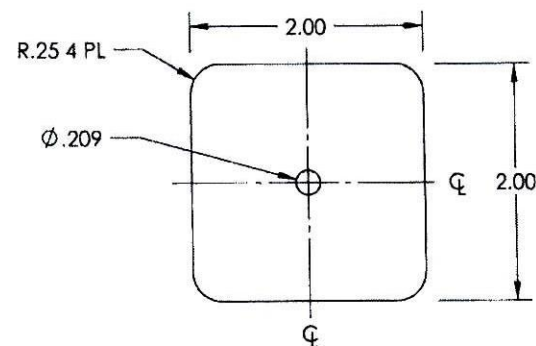


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REVISION			
REV	DESCRIPTION	DATE	APPROVED



646.3718



646.3719

NEKI ASSY (S)	ORIGINAL DATE	06-18-08	APICAL INDUSTRIES	
	DESIGNED BY	JOSEPH S. JOSEPH		
	DRAWN BY	P. BIAVO	2608 TEMPLE HEIGHTS DR.	
	CHECKED BY	JOSEPH S. JOSEPH	OCEANSIDE, CA. 92056-3512 (760) 724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES	SHEET NO.		SHEETMETAL	
	DWG. NO.		646.3700	
	SCALE		1"=1"	
	SHEET		5 OF 5	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33573

Purchase Order Date 9/8/2016

PO Print Date 9/13/2016

Page Number 1 of 4

Order From :

VC-ATG001

Ship To : DART AEROSPACE LTD

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name

Vendor Phone

613-446-4544

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	149303	646.2910 deflector rev. n/c	9/22/2016 Yes 9/22/2016		6.00	\$48.00	\$288.00
FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N							
Line Total:							\$288.00
2	148577	646.3011 RH HALF REV. N/C	9/22/2016 Yes 9/22/2016		8.00	\$10.25	\$82.00
FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N							
Line Total:							\$82.00
3	150389	646.3718 CUSTOM WASHER REV. A	9/22/2016 Yes 9/22/2016		16.00	\$3.95	\$63.20
FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL-P-23377J TYPE I CLASS N							

Note:

9/13/2016



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 912311

Date: 27-Sep-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Quantity	Description		
	PLEASE REFERENCE THE PACK LIST NUMBER ON ALL CORRESPONDENCE TO THIS SHIPMENT. IF YOU HAVE ANY QUESTIONS, PLEASE CALL AT (613) 446-4544.		
1 ea	Part: ADMINISTRATION FEE ADMINISTRATION FEE Job: 20092		Rev: N/A PO: 33573 Line: 10
8 ea	Part: 646.3011 RH half Hard Anodize, Type III, Class 2 (MIL-A-8625) Primer, MIL-P-23377J, TYPE 1, CLASS N Job: 20084		Rev: N/C PO: 33573 Line: 2
16 ea	Part: 646.3718 Custom washer Hard Anodize, Type III, Class 2 (MIL-A-8625) Primer, MIL-P-23377J, TYPE 1, CLASS N Job: 20085		Rev: A PO: 33573 Line: 2
10 ea	Part: 646.9710 Body Hard Anodize, Type III, Class 2 (MIL-A-8625) Primer, MIL-P-23377J, TYPE 1, CLASS N Job: 20086		Rev: D PO: 33573 Line: 4
6 ea	Part: 647.2113 Lower rail Hard Anodize, Type III, Class 2 (MIL-A-8625) Primer, MIL-P-23377J, TYPE 1, CLASS N Job: 20087		Rev: C PO: 33573 Line: 5
7 ea	Part: 646.3719 Doubler Hard Anodize, Type III, Class 2 (MIL-A-8625)		Rev: A



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 912311

Date: 27-Sep-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Quantity	Description		
	Primer, MIL-P-23377J, TYPE 1, CLASS N Job: 20088 PO: 33573 Line: 6		
7 ea	Part: 646.3719 Rev: A Doubler Hard Anodize, Type III, Class 2 (MIL-A-8625) Primer, MIL-P-23377J, TYPE 1, CLASS N Job: 20089 PO: 33573 Line: 7		
6 ea	Part: 647.3914 Rev: C Breakaway Hard Anodize, Type III, Class 2 (MIL-A-8625) Primer, MIL-P-23377J, TYPE 1, CLASS N Job: 20090 PO: 33573 Line: 8		
DATE: <u>27/9/16</u> CERTIFIED SIGNATURE: <u>[Signature]</u> RECEIVER SIGNATURE: <u>Sp/16-9-28</u> Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. CERTIFICATE OF CONFORMANCE A.T.G. INDUSTRIES INC. CERTIFIES THAT ALL ITEMS IN THIS SHIPMENT CONFORM TO REQUIREMENTS. MADE IN CANADA.			